

**(FILE 'HOME' ENTERED AT 20:53:39 ON 20  
MAR 2011)**

**FILE 'BIOSIS, MEDLINE, CAPLUS, LIFESCI,  
SCISEARCH, AGRICOLA, VETU'**

**ENTERED AT 20:54:31 ON 20 MAR 2011**

**L1        48 S (HOP ACID? OR HOPS ACID OR  
HUMULONE OR COHUMULONE OR ADHUMLON**

**L2        145 S (HOP ACID? OR HOPS ACID OR  
HUMULONE OR COHUMULONE OR ADHUMLON**

**L3        53 S L2 AND (ALKALINE OR ALKAL?)**

**L4        53 DUP REM L3 (0 DUPLICATES  
REMOVED)**

**L5        0 S L4 AND @PD<20020923**

**L6        35 S L4 AND PD<20020923**

**L7        165 S (HOP ACID? OR HOPS ACID OR  
HUMULONE OR COHUMULONE OR ADHUMLON**

**L8        12 S L7 AND (BACTERIOSTA? OR  
ANTIMICROB? OR BACTERICID? OR MICROB**

**L9        12 DUP REM L8 (0 DUPLICATES  
REMOVED)**

**L10       7 S L9 AND PD<20020923**

**L11       17 S L7 AND (ANIMAL? OR ANIMAL  
FEED? OR FOOD?)**

**L12       101 S (LUPULONE? OR COLUPULONE?  
OR ADLUPULONE?) AND (ALKAL? OR NAOH**

**L13       7 S L12 AND (BACTERIOSTA? OR  
ANTIMICROB? OR BACTERICID? OR MICRO**

**L14       7 DUP REM L13 (0 DUPLICATES  
REMOVED)**

**L15       5 S L14 AND PD<20020923**

**L16        8 S L12 AND (ANIMAL? OR ANIMAL  
FEED? OR FOOD?)**

**L17        8 DUP REM L16 (0 DUPLICATES  
REMOVED)**

**L18        3 S L17 AND PD<20020923**

**L19        38 S (L12) AND (SALT? OR MAGNESIUM  
OR POTASSIUM OR CALCIUM)**

**L20        38 DUP REM L19 (0 DUPLICATES  
REMOVED)**

**L21        23 S L20 AND PD<20020923**

**L22        115 S ISOLONE? OR BETASTAB? OR  
ISOHOP? OR ALPHAHOP? OR TETRAHOP? OR**

**L23        93 DUP REM L22 (22 DUPLICATES  
REMOVED)**

**L24        43 S L23 AND PD<20020923**

**L25        10 S L24 AND (ANIMAL? OR ANIMAL  
FEED? OR FOOD?)**

**L26        0 S SPRAY DR? (S) (FEED? OR FOOD? OR  
ANIMAL FEED?) AND (L22 OR T**

**L27        0 S (SPRAY DR?) AND (FEED? OR FOOD?  
OR ANIMAL FEED?) AND (L22 OR**

**L28        11 S L22 AND (BACTERIOSTA? OR  
ANTIMICROB? OR BACTERICID? OR MICRO**

**L29        8 DUP REM L28 (3 DUPLICATES  
REMOVED)**

**L30        2 S L29 AND PD<20020923**

**L31        6 S L29 NOT L30**

**L32        101 S (ALPHA ACID? OR BETA ACID? OR  
ISOALPHA ACID? OR RHO ISOALPHA**

**L33        10 S L32 AND (ALKAL?)**

**L34        7 DUP REM L33 (3 DUPLICATES  
REMOVED)**

**L35        2 S L34 AND PD<20020923**

**L36        52 S L32 AND (ANIMAL? OR ANIMAL  
FEED? OR FOOD?)**

**L37        8 S L36 AND PD<20020923**

**L38        8 S L37 AND PD<20020923**

**L39        29 S (L32) AND (SALT? OR MAGNESIUM  
OR POTASSIUM OR CALCIUM)**

**L40        19 DUP REM L39 (10 DUPLICATES  
REMOVED)**

**L41        6 S L40 AND PD<20020923**